



Fleet Vehicle and Equipment Specification

Specification # - SDN-CM-HYBRD (2-5-2015)

SDN-CM-HYBRD

Compact SEDAN w Hybrid Drive

Ford C-Max Hybrid

***NOTE - The following specification is the minimum requirements only. The actual awarded vehicle may include features and options that exceed the specification.**

Scope

This specification details The State of North Carolina's requirement for a compact, electric-gasoline hybrid, four (4) door sedan. The compact, four (4) door sedan and all required options will be designed and assembled in accordance with all applicable industry standards and comply with all governmental regulations as they apply to the operation of the vehicle described in this specification. This vehicle will be used for general transportation of personnel associated with the operation of a government business.

BASE SPECIFICATIONS:

General

Wheelbase - 105 - 110 in.
Length (overall) - 175 - 180 in.
Weight - 3,000 - 3,200 lbs.
Rated passenger capability - 5
Towing capacity - N/A

Engine

1.8L, DOHC, I4, 16 valve or equivalent
98HP @ 5,200 RPM (net SAE)
105 lb.-ft @ 4,000 RPM (net SAE)
Stainless steel exhaust
Fuel - Unleaded regular - 87 octane

Transmission

Automatic - Electronic six (6) speed
Front axle ratio - 4.11
Electronic stability control
Front wheel drive

Brakes

Front - Disc-vented; Rear - Disc
ABS (Antilock brake system) four (4) wheel - 4 ABS channels
ABS driveline traction control

Electrical

168 cell 202V, NiMH, traction battery
Rundown protection
80HP; 153 lb.-ft.
Hybrid electric motor alternator

Tires

Front/Rear - P195/65S15 BSW AS
Spare - Compact size mounted in trunk

Wheels

Front/Rear - 15.0" X 6.00" steel with covers

Interior Equipment

Air conditioning
Color -Gray
Seats - Cloth
Front - Dual bucket seats with adjustable head restraints
Rear - 60/40 full, folding bench
Safety air bags - Driver and passenger and head-curtain side impact
Driver & passenger head protection air bags
Occupancy sensor

Driver's and passenger's supplemental inflatable restraint system (air bags) as mandated by NHTSA at the time of production.
Standard audio package- AM/FM - Manufacturers standard
Power steering
Cruise control
Tilt steering
Extra entry key (total 2 keys)
Keyless Entry
Power door locks
Power windows
Floor mats - Front and rear (rubber)
12v DC power outlets (2)
Low Tire Pressure Warning (TPMS)
Electric rear window defogger

Exterior Equipment

Color - White (manufacturer's standard)
Variable intermittent front windshield wipers
Power adjustable outside mirrors
Fuel tank - 11.0 - 13.0 gal.

Emissions

SULEV II

OTHER:**Warranty**

Bumper to Bumper - 36 month/36,000 miles (Basic)
Powertrain - 60 month/60,000 miles
Corrosion Perforation - 60 month/unlimited distance
Roadside Assistance - 60 month/60,000 miles
Safety Restraint System - 60 month/60,000 miles

Approved Options

Day time running lights